CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-01/533i/Cube/2017-18 22.02.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager,** KRIDL, Bangalore.
* Name of the work	:	Improvements to CC Roads and RCC drains Dhobighat surrounding area in PK's colony slum Mallasandra Ward No.13, BBMP, Bangalore.
* Reference	:	BBMP/EE/PD/WO/64/2017-18 Dated: 14.11.2017
* Sample ID	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	22.02.2018

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.01.2018	22.02.2018	8.130	483.5	21.49
2	25.01.2018	22.02.2018	8.253	508.6	22.60
3	25.01.2018	22.02.2018	8.315	512.4	22.77

*Information is furnished by the Customer/Representative.

Note:

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VIDYARANI P.K.
Technical Manager

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

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Sample Received on	:	22.02.2018

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.01.2018	22.02.2018	8.097	480.5	21.36
2	25.01.2018	22.02.2018	8.192	490.8	21.81
3	25.01.2018	22.02.2018	8.223	510.4	22.68

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Sample Received on	:	22.02.2018

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.01.2018	22.02.2018	8.166	493.5	21.93
2	25.01.2018	22.02.2018	8.222	502.8	22.35
3	25.01.2018	22.02.2018	8.300	513.8	22.84

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Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	24.02.2018

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.01.2018	24.02.2018	8.106	487.8	21.68
2	27.01.2018	24.02.2018	8.294	510.3	22.68
3	27.01.2018	24.02.2018	8.310	520.5	23.13

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Sample Received on	:	24.02.2018

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.01.2018	24.02.2018	8.189	475.6	21.14
2	27.01.2018	24.02.2018	8.220	508.5	22.60
3	27.01.2018	24.02.2018	8.380	512.6	22.78

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Sample Received on	:	24.02.2018

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.01.2018	24.02.2018	8.408	483.5	21.49
2	27.01.2018	24.02.2018	8.298	508.9	22.62
3	27.01.2018	24.02.2018	8.356	512.7	22.79

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